

Serial Number:

09/890,891

CRF Europa Corrected by the STIC Systems Branch

CRF Processing Date:

Edited by:

Entered by:

11/29/2007
STIC stat

Changed a file from non-ASCII to ASCII

ENTERED

Changed the margins in cases where the sequence text was 'wrapped' down to the next line.

Edited a formal error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included: ..

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of file; secretary initials/filename at end of file;
 page numbers throughout text; other invalid text, such as _____

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A 'Hard Page Break' code was inserted by the applicant. All occurrences had to be deleted.

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PalentIn bug). Sequences corrected:

Other:

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

RAW SEQUENCE LISTING DATE: 10/09/2001
 PATENT APPLICATION: US/09/890,891 TIME: 14:27:47

Input Set : A:\PTO.AMC.txt
 Output Set: N:\CRF3\10092001\I890891.raw

```

5 <110> APPLICANT: KNIGHT, Julian Charles
7 KWIATKOWSKI, Dominio Peter
11 <120> TITLE OF INVENTION: MODULATOR OF INFLAMMATION
15 <130> FILE REFERENCE: I0317/7001 ERP/RE/CSM
C--> 19 <140> CURRENT APPLICATION NUMBER: US/09/890,891
21 <141> CURRENT FILING DATE: 2001-08-07
25 <150> PRIOR APPLICATION NUMBER: PCT/GB00/00414
27 <151> PRIOR FILING DATE: 2000-02-09
31 <160> NUMBER OF SEQ ID NOS: 38
35 <170> SOFTWARE: PatentIn version 3.1
39 <210> SEQ ID NO: 1
41 <211> LENGTH: 18
43 <212> TYPE: DNA
45 <213> ORGANISM: Homo sapiens
49 <400> SEQUENCE: 1
50 gcatctgtc tggaaatt 18
53 <210> SEQ ID NO: 2
55 <211> LENGTH: 18
57 <212> TYPE: DNA
59 <213> ORGANISM: Homo sapiens
63 <400> SEQUENCE: 2
64 gcatctgtc tggaaatt 18
67 <210> SEQ ID NO: 3
69 <211> LENGTH: 14
71 <212> TYPE: DNA
73 <213> ORGANISM: Homo sapiens
77 <400> SEQUENCE: 3
78 acagaccaca gacc 14
81 <210> SEQ ID NO: 4
83 <211> LENGTH: 35
85 <212> TYPE: DNA
C--> 87 <213> ORGANISM: Artificial
89 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence:
93 oligonucleotide containing binding site
94 for the 21kDa DNA binding protein
98 <400> SEQUENCE: 4
99 gtccatcttttccgtat cctgtctgga agtta 35
102 <210> SEQ ID NO: 5
104 <211> LENGTH: 25
106 <212> TYPE: DNA
C--> 108 <213> ORGANISM: Artificial
112 <220> FEATURE:
115 <223> OTHER INFORMATION: Description of Artificial Sequence: oligoinucleotide
containing
116 binding site for the 30kDa DNA binding protein
120 <400> SEQUENCE: 5
121 tagaaaggaaa cagaccacag acctg 25

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/890,891 DATE: 10/09/2001
TIME: 14:27:47

Input Set : A:\PTO.AMC.txt
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124 <210> SEQ ID NO: 6
126 <211> LENGTH: 20
128 <212> TYPE: DNA
C--> 130 <213> ORGANISM: Artificial
132 <220> FEATURE:
134 <223> OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide probe
for PCR
135      ELISA
139 <400> SEQUENCE: 6
140 ctgtctggaa gttagaagga                                         20
143 <210> SEQ ID NO: 7
145 <211> LENGTH: 20
147 <212> TYPE: DNA
C--> 149 <213> ORGANISM: Artificial
151 <220> FEATURE:
153 <223> OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide probe
for PCR
154      ELISA
158 <400> SEQUENCE: 7
159 ctgtctggaa attagaagga                                         20
162 <210> SEQ ID NO: 8
164 <211> LENGTH: 35
166 <212> TYPE: DNA
C--> 168 <213> ORGANISM: Artificial
170 <220> FEATURE:
172 <223> OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
containing
173      binding site for the 21kDa DNA binding protein
177 <400> SEQUENCE: 8
178 caagatagaa aaaggacgta ggacagacct tcaat                                         35
181 <210> SEQ ID NO: 9
183 <211> LENGTH: 25
185 <212> TYPE: DNA
C--> 187 <213> ORGANISM: Artificial
189 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
containing
192      binding site for the 30kDa DNA binding protein
194 <400> SEQUENCE: 9
195 atcttcctt gcgtgggtc tggac                                         25
198 <210> SEQ ID NO: 10
200 <211> LENGTH: 26
202 <212> TYPE: DNA
C--> 204 <213> ORGANISM: Artificial
206 <220> FEATURE:
208 <223> OTHER INFORMATION: Description of Artificial Sequence: EGR site
210 <400> SEQUENCE: 10
211 agcttaaatcc cccggccccgc gatggaa                                         26
214 <210> SEQ ID NO: 11
216 <211> LENGTH: 20
218 <212> TYPE: DNA
C--> 220 <213> ORGANISM: Artificial
222 <220> FEATURE:

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Input Set : A:\PTO.AMC.txt
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224 <223> OTHER INFORMATION: Description of Artificial Sequence: Antisense primer
228 <400> SEQUENCE: 11
229 gttggggaca cacaaggcatc 20
232 <210> SEQ ID NO: 12
234 <211> LENGTH: 20
236 <212> TYPE: DNA
C--> 238 <213> ORGANISM: Artificial
242 <220> FEATURE:
246 <223> OTHER INFORMATION: Description of Artificial Sequence: Biotinylated primer
250 <400> SEQUENCE: 12
251 gcattatgg tctccgggtc 20
254 <210> SEQ ID NO: 13
256 <211> LENGTH: 25
258 <212> TYPE: DNA
C--> 260 <213> ORGANISM: Artificial
262 <220> FEATURE:
264 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligoduplex probe
matching
265 Oct-1 binding site from the human histone 2b gene
269 <400> SEQUENCE: 13
270 agcttcgcgtt atgaaataaa ggtga 25
273 <210> SEQ ID NO: 14
275 <211> LENGTH: 20
277 <212> TYPE: DNA
C--> 279 <213> ORGANISM: Artificial
281 <220> FEATURE:
283 <223> OTHER INFORMATION: Description of Artificial Sequence: Allele-specific capture
probe
284 used for TNF-238
288 <400> SEQUENCE: 14
289 cctcggaatc ggagcaggga 20
292 <210> SEQ ID NO: 15
294 <211> LENGTH: 20
296 <212> TYPE: DNA
C--> 298 <213> ORGANISM: Artificial
302 <220> FEATURE:
304 <223> OTHER INFORMATION: Description of Artificial Sequence: Allele-specific capture
probe
305 used for TNF-238
307 <400> SEQUENCE: 15
308 cctcggaatc agagcaggga 20
311 <210> SEQ ID NO: 16
313 <211> LENGTH: 20
315 <212> TYPE: DNA
C--> 317 <213> ORGANISM: Artificial
319 <220> FEATURE:
321 <223> OTHER INFORMATION: Description of Artificial Sequence: Allele-specific capture
probe
322 used for TNF-238
326 <400> SEQUENCE: 16
327 ctgtctggaa gtttagaaggaa 20
330 <210> SEQ ID NO: 17
332 <211> LENGTH: 20
  
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334 <212> TYPE: DNA
C--> 336 <213> ORGANISM: Artificial
338 <220> FEATURE:
340 <223> OTHER INFORMATION: Description of Artificial Sequence: Allele-specific capture
probe
  341      used for TNF-238
  345 <400> SEQUENCE: 17
  346 ctgtctggaa attagaagga                               20
  349 <210> SEQ ID NO: 18
  351 <211> LENGTH: 39
  353 <212> TYPE: DNA
C--> 355 <213> ORGANISM: Artificial
  357 <220> FEATURE:
  359 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe designed to bind
to alpha
  360      site
  364 <400> SEQUENCE: 18
  365 agctgttc tcttttccgt ccatctgtc tggaagtta                               39
  368 <210> SEQ ID NO: 19
  370 <211> LENGTH: 39
  372 <212> TYPE: DNA
C--> 374 <213> ORGANISM: Artificial
  376 <220> FEATURE:
  378 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe designed to bind
to alpha
  379      site
  383 <400> SEQUENCE: 19
  384 agcttaactt ccgacaggaa tgcaggaaaa agatagaac                               39
  387 <210> SEQ ID NO: 20
  389 <211> LENGTH: 29
  391 <212> TYPE: DNA
C--> 393 <213> ORGANISM: Artificial
  395 <220> FEATURE:
  397 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe designed to bind
to beta
  398      site
  402 <400> SEQUENCE: 20
  403 agcttagaaag gaaacagacc acagacacctg                               29
  406 <210> SEQ ID NO: 21
  408 <211> LENGTH: 29
  410 <212> TYPE: DNA
C--> 412 <213> ORGANISM: Artificial
  414 <220> FEATURE:
  416 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe designed to bind
to beta
  417      site
  421 <400> SEQUENCE: 21
  422 agtcagggtc ttttgttgtt ttcccttcta                               29
  425 <210> SEQ ID NO: 22
  427 <211> LENGTH: 29
  429 <212> TYPE: DNA
C--> 431 <213> ORGANISM: Artificial
  433 <220> FEATURE:

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'435 <223> OTHER INFORMATION: Description of Artificial Sequence: Beta site probe

RAW SEQUENCE LISTING DATE: 10/09/2001
 PATENT APPLICATION: US/09/890,891 TIME: 14:27:47

Input Set : A:\PTO.AMC.txt
 Output Set: N:\CRF3\10092001\I890891.raw

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439 <400> SEQUENCE: 22
440 agcttagaa gaaacagacc acagacctg 29
443 <210> SEQ ID NO: 23
445 <211> LENGTH: 25
447 <212> TYPE: DNA
C--> 449 <213> ORGANISM: Artificial
453 <220> FEATURE:
455 <221> NAME/KEY: misc_binding
457 <222> LOCATION: (25)..(25)
459 <223> OTHER INFORMATION: biotin
461 <220> FEATURE:
463 <223> OTHER INFORMATION: Description of Artificial Sequence: Beta site probe
467 <400> SEQUENCE: 23
468 atctttcc ttgttgtgtc tggac 25
471 <210> SEQ ID NO: 24
473 <211> LENGTH: 39
475 <212> TYPE: DNA
C--> 477 <213> ORGANISM: Artificial
479 <220> FEATURE:
481 <223> OTHER INFORMATION: Description of Artificial Sequence: Alpha site probe
485 <400> SEQUENCE: 24
486 agctgttcta ttcttttcct gcattcgtc tggaaagtta 39
489 <210> SEQ ID NO: 25
491 <211> LENGTH: 35
493 <212> TYPE: DNA
C--> 495 <213> ORGANISM: Artificial
497 <220> FEATURE:
499 <223> OTHER INFORMATION: Description of Artificial Sequence: Alpha site probe
503 <220> FEATURE:
505 <221> NAME/KEY: misc_binding
507 <222> LOCATION: (35)..(35)
509 <223> OTHER INFORMATION: biotin
513 <400> SEQUENCE: 25
514 caagatagaa aaaggacgta ggacagacct tcaat 35
517 <210> SEQ ID NO: 26
519 <211> LENGTH: 35
521 <212> TYPE: DNA
C--> 523 <213> ORGANISM: Artificial
525 <220> FEATURE:
527 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe alpha-A
531 <400> SEQUENCE: 26
532 gtcttatctt ttctctgcat cctgtctgga aatta 35
535 <210> SEQ ID NO: 27
537 <211> LENGTH: 22
539 <212> TYPE: DNA
C--> 541 <213> ORGANISM: Artificial
543 <220> FEATURE:
545 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe distal alpha
549 <400> SEQUENCE: 27

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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/890,891
DATE: 10/09/2001
TIME: 14:27:48

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\10092001\I890891.raw

L:19 M:270 C: Current Application Number differs, Replaced Current Application Number
L:87 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:108 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:130 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:149 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:168 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:187 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:204 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
L:220 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:238 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12
L:260 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
L:279 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
L:298 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:317 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16
L:336 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17
L:355 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18
L:374 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19
L:393 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20
L:412 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:21
L:431 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:22
L:449 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:23
L:477 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:24
L:495 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25
L:523 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26
L:541 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27
L:559 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:28
L:577 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29
L:595 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:30
L:621 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31
L:643 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32
L:665 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33
L:738 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34
L:809 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:35
L:891 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:36
L:964 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:37
L:1006 M: 220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38